

## RECEIVED

OCT 3 1 2008

PUBLIC SERVICE

COMMISSION

October 31, 2008

HAND DELIVERED

Ms. Stephanie L. Stumbo Executive Director Public Service Commission Post Office Box 615 211 Sower Boulevard Frankfort, KY 40602

Re: PSC Case No. 2008-00436

Dear Ms. Stumbo:

Please find enclosed for filing with the Commission, an original and seven copies of the responses of East Kentucky Power Cooperative, Inc , to the Staff data requests dated October 23, 2008

Very truly yours,

Charles A. Lile

Corporate Counsel

Enclosures

Cc: Dennis G. Howard II, Esq. Michael L. Kurtz, Esq.

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RECEIVED

## BEFORE THE PUBLIC SERVICE COMMISSION

OCT 3 1 2008

PUBLIC SERVICE COMMISSION

## In the Matter of:

THE APPLICATION OF EAST KENTUCKY	)	
POWER COOPERATIVE, INC. FOR AN ORDER	)	
APPROVING ACCOUNTING PRACTICES TO	)	CASE NO.
ESTABLISH A REGULATORY ASSET RELATED	)	2008-00436
TO CERTAIN REPLACEMENT POWER COSTS	)	
RESULTING FROM GENERATION FORCED	)	
OUTAGES	)	

## EAST KENTUCKY POWER COOPERATIVE, INC.

## PSC CASE 2008-00436

## PUBLIC SERVICE COMMISSION'S DATA REQUEST DATED 10/23/08

In response to the Public Service Commission's First Data Request, East Kentucky Power Cooperative, Inc. ("EKPC") submits its responses to the questions contained therein.

Steven L. Beshear Governor

Leonard K. Peters Secretary Energy and Environment Cabinet



Commonwealth of Kentucky
Public Service Commission
211 Sower Blvd
P.O. Box 615
Frankfort, Kentucky 40602-0615
Telephone: (502) 564-3940
Fax: (502) 564-3460
psc.ky.gov

October 23, 2008

David L. Armstrong Chairman

> James Gardner Vice-Chairman

John W. Clay Commissioner

Honorable Charles A. Lile Senior Corporate Counsel East Kentucky Power Cooperative, Inc 4775 Lexington Road P O. Box 707 Winchester, KY 40392-0707

RE: Case No. 2008-00436

Please see enclosed data request from Commission Staff in the above case.

If you need further assistance, please contact my staff at (502) 564-3940

Sincerely,

Stephanie Stumbo Executive Director

SS/ke Enclosure



### BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF EAST KENTUCKY POWER	)
COOPERATIVE, INC. FOR AN ORDER APPROVING	)
ACCOUNTING PRACTICES TO ESTABLISH A	) CASE NO.
REGULATORY ASSET RELATED TO CERTAIN	) 2008-00436
REPLACEMENT POWER COSTS RESULTING FROM	)
GENERATION FORCED OUTAGES	)

## FIRST DATA REQUEST OF COMMISSION STAFF TO EAST KENTUCKY POWER COOPERATIVE, INC.

East Kentucky Power Cooperative, Inc. ("East Kentucky"), pursuant to 807 KAR 5:001, is to file with the Commission the original and 7 copies of the following information, with a copy to all parties of record. The information requested herein is due no later than October 31, 2008. Responses to requests for information shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or the person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

East Kentucky shall make timely amendment to any prior responses if it obtains information which indicates that the response was incorrect when made or, though

correct when made, is now incorrect in any material respect. For any request to which East Kentucky fails or refuses to furnish all or part of the requested information, it shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention shall be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When applicable, the requested information shall be separately provided for total company operations and jurisdictional operations.

- 1. Paragraph 4 of East Kentucky's application states that the accounting treatment for which it is seeking approval relates to the costs of replacement power and energy purchases and the fuel costs of replacement generation related to the forced outages experienced at its generating plants in 2008. Provide a breakdown of the unrecovered forced outage costs, through August of 2008, of \$11,864,111 shown on Exhibit AFW-1 between power purchased and replacement generation. If applicable, show purchased power broken down further into demand costs and energy costs.
- 2. Refer to Paragraph 5 of East Kentucky's application and the answer beginning at line 21 on page 3 of the Direct Testimony of Ann F. Wood ("Wood Testimony"). The last sentence in Paragraph 5 refers to the high level of East Kentucky's replacement power costs during calendar year 2008, while the answer in the Wood Testimony indicates that East Kentucky's forced outage replacement power costs in 2008 are not unusually high. Provide a reconciliation of these contradictions.

- 3. Paragraph 14 of the application contains East Kentucky's request for expedited treatment citing its "... need to address its potential shortfall in net margins before the end of the calendar year 2008 ...." Based on its various accounting and reporting requirements, what is the latest possible date that East Kentucky can receive a Commission decision and record the proposed regulatory asset on its books for calendar year 2008?
- 4. In the same form as used in Exhibit AFW-1 to show the detail of East Kentucky's 2008 forced outages, provide the detail of its forced outages for each of the years 2005, 2006, and 2007.
- 5. Refer to the question and answer beginning at line 19 on page 4 of the Wood Testimony, which refers to the Commission's approval, in Case No. 2006-00472, <sup>1</sup> of a three-year amortization of the \$20.5 million cost of a nearly four-month forced outage at East Kentucky's Spurlock No. 1 generating unit ("Spurlock Unit 1") in 2004. Given that the Wood Testimony (page 2, line 23 to page 3, line 2) and the Direct Testimony of Craig E. Johnson ("Johnson Testimony") at page 2, lines 19-20, indicate that East Kentucky's forced outage rates and forced outage replacement power costs are not unusually high, explain why Commission approval of recovery of the cost of the 2004 Spurlock Unit 1 forced outage, approval premised on "the magnitude of the associated costs and extraordinary nature of the event," is relevant to East Kentucky's current request.
- 6. Refer to the discussion of East Kentucky's Times Interest Earned Ratio ("TIER") and Debt Service Cover Ratio ("DSC") on pages 5 7 of the Wood Testimony.

<sup>&</sup>lt;sup>1</sup> Case No. 2006-00472, General Adjustment of Electric Rates of East Kentucky Power Cooperative, Inc.

- a. Provide East Kentucky's achieved TIERs and DSCs for calendar years 2006 and 2007. Include the calculations.
- b. The testimony emphasizes East Kentucky's need to meet its DSC requirement. Provide the TIER requirement(s) included in East Kentucky's Credit Facility Agreement and Rural Utilities Service Mortgage and the TIER it needs to achieve in 2008 to meet its requirement(s).
  - 7. Refer to Exhibit AFW-2, page 2 of 2.
- a. Explain in detail what the TIER and DSC levels under the heading "Average of Best 2 of 3" represent.
- b. Provide the calculations of the TIER and DSC levels shown under the heading "Average of Best 2 of 3."
- 8. Refer to the discussion on pages 4–5 of the Johnson Testimony concerning forced outages caused by a tube leak.
- a. The discussion appears to indicate that such an outage at a circulating fluidized bed ("CFB") unit will require, at minimum, 7 to 8 days for cool-down, cleanup and start-up. The detail in Exhibit AFW-1 shows that the Gilbert outage that began on June 24, 2008 lasted a total of 17 days. Describe in detail the work or activity on the part of East Kentucky that required an outage of this length.
- b. Other than their length, describe how the two tube leak outages shown on Exhibit AFW-1 for Spurlock Units 1 and 2 compare to the 17-day outage at the Gilbert unit.

9. The Johnson Testimony focuses on an outage at a CFB unit, such as East Kentucky's Gilbert unit. Provide Gilbert's position in East Kentucky's dispatch order.

Also include the stacking order of all East Kentucky base load generating units.

10. Refer to page 7 of the Johnson Testimony. Provide the planned date and length of the maintenance outage scheduled for the Gilbert unit during the fall of 2008.

The question and answer beginning at line 13 on page 7 of the Johnson Testimony indicate that the weld defect which caused the 17-day outage at the Gilbert unit was the result of a field installation problem rather than a design flaw. That being the case, explain whether East Kentucky has grounds for seeking reimbursement for any of the costs of that specific outage from either the manufacturer or the installer.

Stephanie Stumbo

Executive Director

Public Service Commission

P.O. Box 615

Frankfort, Ky. 40602

DATED October 23, 2008

cc: All parties

### BEFORE THE PUBLIC SERVICE COMMISSION

THE APPLICATION OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR AN ORDER APPROVING ACCOUNTING PRACTICES TO ESTABLISH A REGULATORY ASSET RELATED TO CERTAIN REPLACEMENT POWER COSTS RESULTING FROM GENERATION FORCED OUTAGES	) CASE NO. ) 2008-00436 ) )
CERTIFICATE	
STATE OF KENTUCKY ) COUNTY OF CLARK )	

Ann F. Wood being duly sworn, states that she has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Request in the above-referenced case dated October 23, 2008, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

Subscribed and sworn before me on this 30th day of October, 2008.

Notary Public

My Commission expires:

December 8, 2009

an I Wood

## BEFORE THE PUBLIC SERVICE COMMISSION

POWER COOPER APPROVING ACC ESTABLISH A RE TO CERTAIN REI	ON OF EAST KENTUCKY  CATIVE, INC. FOR AN ORDER  COUNTING PRACTICES TO  CGULATORY ASSET RELATED  PLACEMENT POWER COSTS  OM GENERATION FORCED  )	CASE NO. 2008-00436
	CERTIFICATE	
STATE OF KENTUCKY COUNTY OF CLARK	) ) )	

Frank J. Oliva being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Request in the above-referenced case dated October 23, 2008, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Subscribed and sworn before me on this 30th day of October, 2008.

 $\cap$ 

My Commission expires:

December 8 2009

### BEFORE THE PUBLIC SERVICE COMMISSION

THE APPLICATION OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR AN ORDER APPROVING ACCOUNTING PRACTICES TO ESTABLISH A REGULATORY ASSET RELATED TO CERTAIN REPLACEMENT POWER COSTS RESULTING FROM GENERATION FORCED OUTAGES	) ) CASE NO ) 2008-00436 ) )
CERTIFICATE	
STATE OF KENTUCKY )  COUNTY OF CLARK )	

Craig A. Johnson being duly sworn, states that he has supervised the preparation of the responses of East Kentucky Power Cooperative, Inc. to the Public Service Commission Staff Data Request in the above-referenced case dated October 23, 2008, and that the matters and things set forth therein are true and accurate to the best of his knowledge, information and belief, formed after reasonable inquiry.

Subscribed and sworn before me on this 30th day of October, 2008.

Notary Public

My Commission expires:

Deromber 8, 2009

Craig & John

	•		

PUBLIC SERVICE COMMISSION STAFF FIRST DATA REQUEST DATED OCTOBER 23, 2008

REQUEST 1

RESPONSIBLE PERSON: Ann F. Wood

COMPANY: East Kentucky Power Cooperative, Inc.

Request 1. Paragraph 4 of East Kentucky's application states that the accounting treatment for which it is seeking approval relates to the costs of replacement power and energy purchases and the fuel costs of replacement generation related to the forced outages experienced at its generating plants in 2008. Provide a breakdown of the unrecovered forced outage costs, through August of 2008, of \$11,864,111 shown on Exhibit AFW-1 between power purchased and replacement generation. If applicable, show purchased power broken down further into demand costs and energy costs.

Response 1. Provided on pages 2 and 3 of this response is a breakdown of the replacement power costs, through August 2008, between replacement purchased power and replacement generation. There are no demand costs associated with the purchase of replacement power.

## EAST KENTUCKY POWER COOPERATIVE, INC. 2008 FORCED OUTAGE DETAIL

	Cost of	Replacement	Power	305,059	2,800,320	4,205,375	7,310,754		2,584,250	267,066	422,029	160,481	2,050,252	5,484,078		629,864	96,435	82,967	87,233	210,087	255,120	390,230	725,675	2,477,611
of Cost of		Purchased R	Power	304,502 \$	2,061,987	2,934,564	5,301,053		2,190,421	267,066	217,982	154,752	1,799,785	4,630,006		484,130	96,264	18,301	87,233	158,077	148,849	283,783	593,896	1,870,533
Breakdown of Cost of Replacement Power			Generation	\$ 557 \$	738,333	1,270,811	2,009,701		393,829		204,047	5,729	250,467	854,072		145,734	171	64,666		52,010	106,271	106,447	131,779	607,078
		Net	Unrecovered	\$ (229,988)	(2,016,839)	(2,931,283)	(5,178,110)	**************************************	(1,735,007)	(160,197)	(287,370)	(112,035)	(1,516,090)	(3,810,699)	***************************************	(468,319)	(64,125)	(61,835)	(50,663)	(123,341)	(205,336)	(239,930)	(454,044)	(1,667,593)
	Cost of	Replacement	Power	\$ 305.059	2	4,205,375	7,310,754		2,584,250	267,066	422,029	160,481	2,050,252	5,484,078		629,864	96,435	82,967	87,233	210,087	255,120	390,230	725,675	2,477,611
		Cost of Power	Lost	\$ 75.071	-	1,274,092			849.243	106.869	134,659	48,446	534,162			161.545	32,310	21.132	36.570	86,746	49,784	150,300	271,631	
			Duration of Outage	31 Hrs 50 Mins	145 Hrs 23 Mins	227 Hrs 43 Mins			75 Hrs 51 Mins	12 Hrs 32 Mins	11 Hrs 3 Mins	7 Hrs 23 Mins	80 Hrs 58 Mins			69 Hrs 30 Mins	7 Hrs 12 Mins	11 Hrs 45 Mins	8 Hrs 56 Mins	17 Hrs 28 Mins	9 Hrs 5 Mins	31 Hrs 19 Mins	49 Hrs 34 Mins	
1			Dates of Outage	3/43/08 3/4//08	6/24/08-6/30/08	7/1/08-7/10/08			3/4/08-3/7/08	3/13/D8_3/14/D8	6/7/08-6/8/08	2/1/08-2/1/08	7/9/08-7/12/08			4123(08_1125(08	1/29/08-1/29/08	4/1/08-4/1/08	4/5/08-4/5/08	5/15/08-5/15/08	6/7/08-6/7/08	6/9/08-6/11/08	6/13/08-6/15/08	
			Unit	to di C	בובר בובר בובר				c	1 c	1 c	<b>1</b> -		•		Ŧ	- 0	10	10	1 0	1 0	١٥	1 ~	1
			Plant	10 C	Spullock				Sourch	No.						10000	coope							

\$ (11,864,111)

Total

EAST KENTUCKY POWER COOPERATIVE, INC. 2008 FORCED OUTAGE DETAIL

Dale

			Cost of	Replacement	Power	173,989	148,316	42,585	32,033	31,696	83,883	176,334	215,176	148,106	49,117	80,520	84,935	114,648	138,953	38,197	92,882	32,462	107,351	119,819	37,319	25,356	87,151	2,060,828
	Cost of	Power		Purchased R	Power	155,319	148,316	31,224	32,033	14,900	77,817	176,334	201,065	34,871	29,876	49,317	72,556	72,764	87,734	21,271	77,801	24,321	79,378	116,547	37,319	25,356	87,151	1,653,270
	Breakdown of Cost of	Replacement Power			Generation	18,670		11,361		16,796	990'9		14,111	113,235	19,241	31,203	12,379	41,884	51,219	16,926	15,081	8,141	27,973	3,272				407,558
				Net	Unrecovered	(81,655)	(84.719)	(24,883)	(15,895)	(20,868)	(56,348)	(98,106)	(140,122)	(101,786)	(29,632)	(43,435)	(47,394)	(72,234)	(84,924)	(18,308)	(66,528)	(17,906)	(58,990)	(68,455)	(20,570)	(15.065)	(38,886)	(1,207,709)
			Cost of	Replacement	Power	173.989	148.316	42,585	32,033	31,696	83,883	176,334	215,176	148,106	49,117	80,520	84,935	114,648	138,953	38,197	92,882	32,462	107,351	119,819	37,319	25.356	87,151	2,060,828
ה סה בל ה				Cost of Power	Lost	92.334	63.597	17.702	16,138	10,828	27,535	78,228	75,054	46,320	19,485	37,085	37,541	42,414	54,029	19,889	26,354	14,556	48,361	51.364	16.749	10 291	47,265	
とりじる てつれいにつ しつこみらに フロ・グド					Duration of Outage	58 Hre 26 Mins	27 Line Est Máine	35 Hrs 5 Mins	26 Hrs 51 Mins	32 Hrs 41 Mins	48 Hrs 30 Mins	46 Hrs 36 Mins	59 Hrs 9 Mins	28 Hrs 15 Mins	29 Hrs 24 Mins	57 Hrs 10 Mins	22 Hrs 20 Mins	30 Hrs 33 Mins	38 Hrs 32 Mins	37 Hrs 30 Mins	46 Hrs 51 Mins	25 Hrs 58 Mins	32 Hrs 51 Mins	40 Hrs 20 Mins	28 Hrs 10 Mins	7 Hrc 40 Mine	32 Hrs 19 Mins	
7					Dates of Outage	10100 111100	1/0/100-1/11/100	2/0/08-1/10/00	2/3/08-2/4/08	2/11/08-2/12/08	3/10/08-3/12/08	3/14/08-3/16/08	3/16/08-3/19/08	4/29/08-4/30/08	5/4/DB-5/6/DB	5/24/08-5/23/08	5/1/08-5/1/08	5/5/08-5/6/08	5/11/08-5/13/08	6/23/08-6/25/08	6/8/08-6/10/08	7/15/08-7/16/08	7/18/08-7/20/08	2/12/108-7/20/08	011/00 011/00	0/1/00-0/2/00	8/25/08-8/26/08	000000000000000000000000000000000000000
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PUBLIC SERVICE COMMISSION STAFF FIRST DATA REQUEST DATED OCTOBER 23, 2008

**REQUEST 2** 

RESPONSIBLE PERSON:

Ann F. Wood

COMPANY:

East Kentucky Power Cooperative, Inc.

Refer to Paragraph 5 of East Kentucky's application and the answer beginning at line 21 on page 3 of the Direct Testimony of Ann F. Wood ("Wood Testimony"). The last sentence in Paragraph 5 refers to the high level of East Kentucky's replacement power costs during calendar year 2008, while the answer in the Wood Testimony indicates that East Kentucky's forced outage replacement power costs in 2008 are not unusually high. Provide a reconciliation of these contradictions.

Response 2. East Kentucky considers the amount of unrecoverable forced outage replacement power costs in 2008 to be high, in that they are a threat to its ability to meet loan covenants in a year with low net margins, as stated in Paragraph 5 of the Application. However, as indicated in testimony, those 2008 costs are not unusually high, in that they do not result from an abnormally high system generation outage rate or a higher than normal market price for replacement power. Unfortunately, these costs reflect what have become fairly typical operating circumstances for East Kentucky, and its current financial condition does not allow it to absorb such a high level of expenses in 2008.

PUBLIC SERVICE COMMISSION STAFF FIRST DATA REQUEST DATED OCTOBER 23, 2008

**REQUEST 3** 

RESPONSIBLE PERSON: Ann F. Wood

**COMPANY:** East Kentucky Power Cooperative, Inc.

Request 3. Paragraph 14 of the application contains East Kentucky's request for expedited treatment citing its "... need to address its potential shortfall in net margins before the end of the calendar year 2008 . . ." Based on its various accounting and reporting requirements, what is the latest possible date that East Kentucky can receive a Commission decision and record the proposed regulatory asset on its books for calendar year 2008?

Response 3. In order to meet the various accounting and reporting requirements associated with recording the proposed regulatory asset, East Kentucky requests a Commission decision on this matter no later than December 17, 2008.



PUBLIC SERVICE COMMISSION STAFF FIRST DATA REQUEST DATED OCTOBER 23, 2008

**REQUEST 4** 

RESPONSIBLE PERSON: Ann F. Wood

COMPANY: East Kentucky Power Cooperative, Inc.

Request 4. In the same form as used in Exhibit AFW-1 to show the detail of East Kentucky's 2008 forced outages, provide the detail of its forced outages for each of the years 2005, 2006, and 2007.

Response 4. Detail of EKPC's forced outages for each of the years 2005, 2006, and 2007, in the same form as used in Exhibit AFW-1, is included on pages 2 through 7 of this response.

## EAST KENTUCKY POWER COOPERATIVE, INC. 2005 FORCED OUTAGE DETAIL

Net Unrecovered	(160,811) (73,128) (220,590) (63,173) (36,510) (1,120,322) (3,721) (2,036,013) (2,793,235) (2,793,235) (21,870) (283,886) (127,900) (127,900)	(364,567) (81,397) (52,478) (156,695) (36,937) (80,543) (134,669) (42,996) (160,113) (113,226) (315,394) (140,203) (275,768)	(81,925)
Cost of Replacement Power	202,172 94,135 290,426 86,538 65,619 1,547,744 6,153 2,498,984 3,284,857 25,735 311,304 167,678	524,116 149,572 75,040 288,617 68,206 131,895 374,021 68,921 259,138 191,614 447,107 485,561 172,740 333,426	158,322
Cost of Power Lost	41,361 21,006 69,835 23,365 29,109 427,422 2,432 462,971 491,622 3,865 27,418 39,778 59,269	159,549 68,175 22,562 131,921 31,269 51,352 239,352 25,925 99,025 78,388 113,171 170,167 32,537 57,658	76,397
Cause of Outage	Boiler Tripped Boiler Tripped Repair Bag House Boiler Tripped Boiler Tripped Boiler Tripped Repair Ash Cooler To prevent reheat tube leak Tube Leak Tube Leak Stearn leak in Economizer Exciter Problems Turbine Control Failure Limestone Mill Malfunction	Tube Leak	Tube Leak
MWH Lost	3,172 1,611 6,202 2,075 2,310 33,919 39,223 40,831 2,421 2,421 2,421 2,4867 4,940	7,819 3,154 1,093 6,109 1,448 2,378 11,416 1,182 4,474 3,572 5,106 7,515 1,505 2,667	2,970
Duration of Outage	13 Hrs 58 Mins 9 Hrs 13 Mins 29 Hrs 46 Mins 8 Hrs 4 Mins 8 Hrs 59 Mins 143 Hrs 17 Mins 14 Hrs 54 Mins 167 Hrs 6 Mins 173 Hrs 57 Mins 173 Hrs 57 Mins 21 Hrs 36 Mins 21 Hrs 36 Mins 20 Hrs 13 Mins	87 Hrs 45 Mins 33 Hrs 16 Mins 6 Hrs 34 Mins 105 Hrs 31 Mins 54 Hrs 41 Mins 73 Hrs 27 Mins 7 Hrs 8 Mins 7 Hrs 8 Mins 55 Hrs 34 Mins 85 Hrs 46 Mins 16 Hrs 14 Mins 28 Hrs 46 Mins	50 Hrs 41 Mins
Dates of Outage	3/15/2005 3/21/05-3/22/05 4/13/05-4/14/05 4/30/2005 5/1/2005 5/17/05-5/23/05 5/24/05-5/25/05 7/25/05-7/31/05 8/1/05-8/8/05 8/1/05-8/11/05 9/1/2005 11/21/05-11/22/05	1/17/05-1/21/05 3/6/05-3/8/05 3/21/2005 4/10/05-4/15/05 4/16/05-4/19/05 4/20/05-4/23/05 5/24/05-5/27/05 7/21/2005 9/4/05-9/6/05 10/22/05-10/14/05 10/24/05-11/24/05 12/5/05-12/7/05	1/12/05-1/14/05
Unit	Gilbert Gilbert Gilbert Gilbert Gilbert Gilbert Gilbert Gilbert Gilbert		4
Plant	Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock Spurlock	Cooper Co	Dale

\$ (10,259,209)

Total 2005 Unrecovered Forced Outage Fuel Costs

## EAST KENTUCKY POWER COOPERATIVE, INC. 2005 FORCED OUTAGE DETAIL

	Net	Unrecovered	(13,054)	(19,060)	(2,560)	(143,888)	(14 683)	(15.180)	(8 265)	(13 855)	(10,000)	(100'00)	(27,043)	(11,112)	(57.277)	(476 404)	1.01.01.1	(153,660)
Cost of	Replacement	Power	27,971	43,081	21,694	258 534	34 354	108 E13	31 435	970 00	00,040	119,370	45,290	31.500	73 601	200		264,961
	Cost of Power	Lost	14.916	24 021	18 134	14, E47	/±0,±1.1	19,07.1	65,430	23,170	16,491	53,869	18,247	20.388	400,00	+1+101		111,301
		Cause of Outage	History Contraction	TODE FEEDE		Lube Leak	Tube Leak	Tihe Leak	Harrier Harris	I npe Leak	Tube Leak		Lightning Arrestor on T9					
		1411/CL 1 0ct	TOT HAM	29.	904	591	3,962	653	3,384	786	268	1,850	808	9 6	9/9	593		6,035
		,	Duration of Outage	38 Hrs 4 Mins	53 Hrs 17 Mins	32 Hrs 59 Mins	64 Hrs 27 Mins	49 Hrs 47 Mins	52 Hrs 5 Mins	39 Hrs 33 Mins	48 Hrs 45 Mins	34 Hrs 58 Mins	0.4.1.4.0.4.0.4.4	34 HIS 13 WILLS	50 Hrs 42 Mins	30 Hrs 1 Min		12 Hrs 50 Mins
		•	Dates of Outage	2/13/05-2/15/05	4/23/05-4/26/05	5/27/05-5/29/05	6/27/05-6/30/05	7/15/05-7/17/05	8/24/05-8/26/05	8/25/05-8/27/05	9/19/05-9/21/05	10/23/04/10/25/05	10/20/02-10/20/03	11/6/05-11/8/05	11/8/05-11/10/05	12/9/05-12/11/05		3/6/05-3/7/05
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			Plant	Dale	ole C	ָבָּבְּיבָּבְיבָּבְיבָּבְּיבְּיבְּיבְּיבְּיבְּיבְּיבְּיבְּיבְּ	Dale	Dale	Dale	Dale		Spurlock						

# EAST KENTUCKY POWER COOPERATIVE, INC. 2006 FORCED OUTAGE DETAIL

Net Unrecovered	(1,430,761) (483,552) (289,289) (49,632) (190,672) (1,041,860) (3,485,766)	(40,667) (73,430) (37,732) (1,062,617) (86,514) (1,300,960)	(15,058) (16,413) (58,711) (20,833) (4,799) (2,422) (3,261) (4,323) (106,629) (35,284) (41,735) (29,598) (69,289) (453,760)
Cost of Replacement Power	2,148,727 656,528 373,523 72,243 237,944 1,457,901	183,639 218,506 188,011 1,756,681 181,385	34,556 39,355 107,692 32,162 7,884 54,127 19,483 19,265 20,140 168,790 104,414 112,337 70,558 125,432 37,599
Cost of Power Lost	717,966 172,976 84,234 22,611 47,272 416,041	142,972 145,076 150,279 694,064 94,871	19,498 22,942 48,981 11,329 3,085 24,457 17,061 16,004 15,817 62,161 69,130 70,602 40,960 56,143 21,863
Cause of Outage	Tube Leak Air Heater Seals Voltage Regulator Loss of oil pump Tube Leak Tube Leak	Tube Leak Tube Leak Tube Leak Lost Station Service Tube Leak	Tube Leak Tube Leak Air Heater Tube Leak
MWH Lost	47,936 11,549 5,624 1,826 3,824 32,281	6,223 6,352 6,401 30,288 4,104	685 806 1,715 403 105 870 594 534 526 2,197 2,299 2,299 1,446 1,982 720
Duration of Outage	181 Hrs 49 Mins 64 Hrs 6 Mins 37 Hrs 49 Mins 6 Hrs 57 Mins 15 Hrs 31 Mins 131 Hrs	77 Hrs 43 Mins 39 Hrs 20 Mins 42 Hrs 24 Mins 169 Hrs 52 Mins 45 Hrs 39 mins	33 Hrs 5 Mins 41 Hrs 22 Mins 30 Hrs 35 Mins 21 Hrs 52 Mins 52 Hrs 46 Mins 14 Hrs 12 Mins 34 Hrs 39 Mins 30 Hrs 7 Mins 61 Hrs 27 Mins 42 Hrs 35 Mins 42 Hrs 9 Mins 125 Hrs 9 Mins 37 Hrs 11 Mins 38 Hrs 27 Mins 48 Hrs 30 Mins
Dates of Outage	1/1/06-1/9/06 1/16/06-1/18/06 1/18/06-1/20/06 2/28/2006 3/31/2006 4/1/06-4/6/06	6/11/06-6/15/06 6/24/06-6/26/06 9/19/06-9/21/06 11/16/06-11/23/06 11/27/06-11/29/06	1/8/06-1/10/06 1/21/06-1/23/06 2/10/06-2/11/06 2/18/06-2/19/06 3/20/06-3/22/06 4/21/06-4/22/06 6/6/06-6/7/06 6/6/06-6/7/06 6/21/06-6/23/06 6/21/06-6/23/06 6/21/06-8/17/06 11/1/06-11/2/06 11/1/06-11/2/06
Unit	Gilbert Gilbert Gilbert Gilbert Gilbert	- 0 0 0 -	40-6-464-66-
Plant	Spurlock Spurlock Spurlock Spurlock Spurlock	Cooper Cooper Cooper Cooper	Dale Dale Dale Dale Dale Dale Dale Dale

# EAST KENTUCKY POWER COOPERATIVE, INC. 2006 FORCED OUTAGE DETAIL

Net Unrecovered	
Cost of Replacement Power	292,993
Cost of Power Lost	189,314
Cause of Outage	Buss Differential on T-9
MWH I ost	
Direction of Outage	16 Hrs 30Mins
Dates of Outage	
<u>.</u>	8
<u>.</u> 0	Spurlock

\$ (5,344,164)

Total 2006 Unrecovered Forced Outage Fuel Costs

# EAST KENTUCKY POWER COOPERATIVE, INC. 2007 FORCED OUTAGE DETAIL

N	Unrecovered	(41,949)	(1,148,941)	(1,349,305)	(34,551)	(8,303)	(105,021)	(38,673)	(69,633)	(3,783)	(25,213)	(8,704)	(27,793)	2,816	(44,388)	(162,404)	(18,180)	(3,771)	(5,035)	(25,733)	(25,030)	(45,296)	(123,303)	(16,690)	(40,147)	(40,394)	(111,921)	(30,942)	(38,009)	(100,409)	(13,062)	(4,464)
Cost of Replacement	Power	138,049	2,272,575		75,728	18,963	183,010	38,673	113,427	3,783	41,074	8,704	55,882	(2,816)	97,081	272,043	33,793	25,174	17,852	88,933	51,859	90,896	264,388	36,464	118,008	58,463	180,386	74,027	85,888	176,643	30,823	22,627
Cost of Power	Lost	96,101 81 965	1,123,634		41,177	10,660	686'22	·	43,794	•	15,861	•	28,089	•	52,693	109,639	15,612	21,403	12,817	63,200	26,829	45,600	141,085	19,774	77,861	18,069	68,465	43,085	47,879	76,234	17,761	18,163
	Cause of Outage	Bad Fuse	T10 problem		Tube Leak	Tube Leak	Tube Leak	Mar-07 Adjustment	Tube Leak	Mar-07 Adjustment	Tube Leak	Mar-07 Adjustment	Tube Leak	Mar-07 Adjustment	Tube Leak	Tube Leak	Tube Leak	Tube Leak	Buss Problem	Tube Leak	ID Fan Coupling Failure	Tube Leak	Tube Leak	Tube Leak	Tube Leak	Tube Leak	Tube Leak	Tube Leak				
	MWH Lost	3,565	43,172		1,481	368	2,730		1,533		537		951		1,805	3,855	524	683	409	2,113	897	1,574	4,717	637	2,755	909	2,478	1,483	1,648	2,624	549	574
	Duration of Outage	7 hrs 44 Mins	94 Hrs 4 Mins		39 Hrs 25 Mins	25 Hrs 45 Mins	42 Hrs 37 Mins		30 Hrs 24 Mins		26 Hrs 28 Mins		72 Hrs 50 Mins		32 Hrs 56 Mins	61 Hrs 9 Mins	26 Hrs 33 Mins	48 Hrs 48 Mins	29 Hrs 12 Mins	44 Hrs 20 Mins	26Hrs 15 Mins	31 Hrs 49 Mins	100 Hrs 48 Mins	37 Hrs 31 Mins	58 Hrs	31 Hrs 16 Mins	41 Hrs 36 Mins	28 Hrs 3 Mins	38 Hrs 49 Mins	85 Hrs 13 Mins	30 Hrs 34 Mins	31 Hrs 53 Mins
	Dates of Outage	4/30/07-4/30/07	12/9/07-12/13/07		17/07-1/9/07	1/11/07-1/12/07	2/9/07-2/11/07		2/11/07-2/12/07		2/18/07-2/19/07		2/24/07-2/27/07		3/18/07-3/19/07	4/10/07-4/12/07	4/13/07-4/15/07	5/20/07-5/22/07	5/22/07-5/24/07	6/3/07-6/5/07	6/9/07-6/10/07	6/18/07-6/20/07	6/18/07-6/22/07	7/14/07-7/15/07	7/19/07-7/21/07	8/6/07-8/7/07	8/17/07-8/19/07	9/9/07-9/11/07	9/18/07-9/20/07	9/22/07-9/26/07	10/8/07-10/10/07	11/2/07-11/4/07
	Unit	61 0	4 CV		4	7	ღ		ო		<b>4</b>		·ę-m		4	က	-	7	7	4	4	ო	4	<b>~</b>	4	•	m	က	က	က	-	-
	Plant	Spurfock	Spurlock		Dale	Dale	Dale		Dale		Dale		Dale		Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale	Dale

\$ (3,610,027)

Total 2007 Unrecovered Forced Outage Fuel Costs

# EAST KENTUCKY POWER COOPERATIVE, INC. 2007 FORCED OUTAGE DETAIL

Net	Unrecovered	(37,447)	(2,099)	(20,471)	(20,944)	(8,633)	(1,262,630)	(56,253)	(48,428)	(311,999)	(100,389)	(73,826)	(98,065)	(688,960)	(185,930)	(123,201)
Cost of Replacement	Power	104,524	23,175	43,940	38,407	23,205	•	217,489	101,626	483,782	176,493	119,320	199,941	i t	218,767	145,160
Cost of Power	Lost	220'29	16,076	23,469	17,463	14,572		161,236	53,198	171,783	76,104	45,494	101,876		32,837	21,959
	Cause of Outage	Tube Leak	Tube Leak	Tube Leak	Tube Leak	Tube Leak		Tube Leak	Repair Drag Chain	Tube Leak	Tube Leak	Tube Leak	Tube Leak		Tube Leak	Lightning Strike to Controls
	MWH Lost	2,243	519	762	292	467		7,365	2,439	7,805	3,344	1,999	4,373		2,651	1,631
	<b>Duration of Outage</b>	43 Hrs 31 Mins	29 Hrs 32 Mins	39 Hrs 57 Mins	38 Hrs 13 Mins	35 Hrs 50 Mins		40 Hrs 57 Mins	30 Hrs 18 Mins	40 Hrs 56 Mins	54 Hrs 47 Mins	34 Hrs 49 Mins	59 Hrs 29 Mins		10 Hrs 28 Mins	6 Hrs 7 Mins
	Dates of Outage	11/19/07-11/21/07	11/21/07-11/22/07	12/8/07-12/10/07	12/13/07-12/15/07	12/27/07-12/29/07		3/22/07-3/24/07	3/30/07-3/31/07	4/18/07-4/20/07	6/10/07-6/12/07	6/18/07-6/20/07	7/26/07-7/28/07		20/6/9-20/6/9	8/16/07-8/17/07
	Unit	4	2	2	7	4		2	-	2	+	4	<b>~</b>		Gilbert	Gilbert
	Plant	Dale	Dale	Dale	Dale	D22		Cooper	Cooper	Cooper	Cooper	Cooper	Cooper		Spurlock	Spurlock



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REQUEST 5

RESPONSIBLE PERSON: Ann F. Wood

COMPANY: East Kentucky Power Cooperative, Inc.

Refer to the question and answer beginning at line 19 on page 4 of the Wood Testimony, which refers to the Commission's approval, in Case No. 2006-00472, of a three-year amortization of the \$20.5 million cost of a nearly four-month forced outage at East Kentucky's Spurlock No. 1 generating unit ("Spurlock Unit 1") in 2004. Given that the Wood Testimony (page 2, line 23 to page 3, line 2) and the Direct Testimony of Craig E. Johnson ("Johnson Testimony") at page 2, lines 19-20, indicate that East Kentucky's forced outage rates and forced outage replacement power costs are not unusually high, explain why Commission approval of recovery of the cost of the 2004 Spurlock Unit 1 forced outage, approval premised on "the magnitude of the associated costs and extraordinary nature of the event," is relevant to East Kentucky's current request.

Response 5. The reference to the Commission's approval of the recovery of forced outage costs for the 2004 Spurlock 1 outage, in PSC Case No. 2006-00472, was intended to identify a prior action by the Commission to allow such recovery of forced outage costs, not as an effort to equate the 2004 outage to 2008 forced outage costs. East Kentucky agrees that the 2004 Spurlock Unit 1 forced outage was extraordinary, due to the length of time the unit was off-line.

However, as a result of East Kentucky's current financial condition, even a normal level of unrecoverable forced outage replacement power cost leaves the Company vulnerable to not meeting its debt covenants. As noted in testimony, a failure to meet those covenants and the resulting request for a waiver from lenders is expensive, and repeated requests for waivers negatively impact future financing. As more fully discussed in the testimony of Mr. Jonathon Andrew Don in Case No. 2008-00409, if East Kentucky were to try to secure replacement financing for its Credit Facility in today's unstable credit market, the Company would have to pay a credit spread of 300 basis points above the London Interbank Offered Rate ("LIBOR"), plus an additional closing fee of 2%. It is also possible that East Kentucky may not be able to secure replacement financing. To summarize, while 2008 forced outage costs are not comparable to the 2004 event, they represent a clear threat to EKPC finances. While 2008 forced outages may not represent extraordinary events, the "magnitude of the associated costs" of the forced outages represents a comparable risk, considering East Kentucky's unstable financial footing.

<sup>&</sup>lt;sup>1</sup> Case No. 2006-00472, General Adjustment of Electric Rates of East Kentucky Power Cooperative, Inc.



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**REQUEST 6** 

**RESPONSIBLE PERSON:** Frank J. Oliva

COMPANY: East Kentucky Power Cooperative, Inc.

Refer to the discussion of East Kentucky's Times Interest Earned Ratio ("TIER") and Debt Service Cover Ratio ("DSC") on pages 5-7 of the Wood Testimony.

Request 6a. Provide East Kentucky's achieved TIERs and DSCs for calendar years 2006 and 2007. Include the calculations.

**Response 6a.** See Page 4 of 4.

Request 6b. The testimony emphasizes East Kentucky's need to meet its DSC requirement. Provide the TIER requirement(s) included in East Kentucky's Credit Facility Agreement and Rural Utilities Service Mortgage and the TIER it needs to achieve in 2008 to meet its requirement(s).

Response 6b. As stated in Ms. Wood's testimony, East Kentucky needs to earn a net margin of at least \$22 million for 2008, in order to stay in compliance with its debt covenants. A net margin of \$22 million is projected to produce a DSC ratio of approximately 1.024 and a TIER of approximately 1.166. These are the minimums required by EKPC for the year 2008.

Following are the TIER and DSC requirements contained in EKPC's financing agreements:

- Restated and Consolidated Mortgage and Security Agreement ("Mortgage Agreement") with the Rural Utilities Service ("RUS") and National Rural Utilities Cooperative Finance Corporation ("CFC"):
- (a) <u>Debt Service Coverage Ratio ("DSC")</u>. EKPC will not permit, as of the last day of any calendar year, the average Debt Service Coverage Ratio during the two best years out of the three calendar years then ended to be less than 1.00 to 1. DSC is defined as the total of Net Margins, Interest on Long-Term Debt, and Depreciation and Amortization Expense divided by the amount equal to the sum of all payments of principal and interest on Long-Term Debt.
- (b) <u>Times Interest Earned Ratio ("TIER")</u>. EKPC will not permit, as of the last day of any calendar year, the average Times Interest Earned Ratio during the two best years out of the three calendar years then ended to be less that 1.05 to 1. TIER is defined as the sum of Net Margins and Interest on Long-Term Debt divided by Interest on Long-Term Debt.
- \$650 Million Unsecured Credit Agreement with 16 Financial Institutions ("Credit Agreement"):
- (a) <u>Debt Service Coverage Ratio ("DSC"</u>). Same as Mortgage Agreement, except the definition of Net Margins has been modified (1) to add back the actual extraordinary non-cash charges recorded in calendar year 2005 associated with the alleged violations of the Clean Air Act with respect to the Dale Generating Station and (2) to deduct in 2007 any future payment obligations made in 2007 on account of such alleged violations in accordance with Generally Accepted Accounting Principles.

(b) <u>Times Interest Earned Ratio ("TIER"</u>). Same as Mortgage Agreement, except the definition of Net Margins has been modified (1) to add back the actual extraordinary non-cash charges recorded in calendar year 2005 associated with the alleged violations of the Clean Air Act with respect to the Dale Generating Station and (2) to deduct in 2007 any future payment obligations made in 2007 on account of such alleged violations in accordance with Generally Accepted Accounting Principles.

## East Kentucky Power Cooperative, Inc. TIER & DSC Calculations for years 2006 and 2007

For 2006: N	Mortgage Agreement and Credit A	greement			
TIER					
	(a) Net Margins	11,173,989			
	(b) Interest on Long Term Debt	84,634,106			
	TIER = (a) + (b) / (b) =	95,808,095	1	84,634,106 =	1.132
<u>DSC</u>					
***********	(a) Depreciation	39,384,187			
	(b) Interest on L-T Debt	84,634,106			
	(c) Margins	11,173,989			
	(d) Interest + Principal	138,141,727			
	DSC = (a) + (b) + (c) / (d) =	0.979			
For 2007: 1	Mortgage Agreement				
TIER	Hortgage Agreement				
	(a) Net Margins	41,920,486			
	(b) Interest on Long Term Debt	102,943,597			
	TIER = $(a) + (b) / (b) =$	144,864,083	1	102,943,597 =	1.407
DCC	, . ,	, ,		, -,	
<u>DSC</u>	(a) Depreciation	40 563 700			
	(b) Interest on L-T Debt	40,562,780			
	(c) Margins	102,943,597			
	(d) Interest + Principal	41,920,486			
	DSC = $(a) + (b) + (c) / (d) =$	160,863,802 1,153			
	DSC = (n) + (b) + (c) / (d) =	1,155			
For 2007: 0	Credit Agreement				
TIER					
	(a) Net Margins	8,792,160			
	(b) Interest on Long Term Debt	102,943,597			
	TIER = (a) + (b) / (b) =	111,735,757	/	102,943,597 =	1.085
<u>DSC</u>					
	(a) Depreciation	40,562,780			
	(b) Interest on L-T Debt	102,943,597			
	(c) Margins	8,792,160			
	(d) Interest + Principal	160,863,802			
	DSC = (a) + (b) + (c) / (d) =	0.947			

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**REQUEST 7** 

RESPONSIBLE PERSON: Frank J. Oliva

COMPANY: East Kentucky Power Cooperative, Inc.

**Request 7.** Refer to Exhibit AFW-2, page 2 of 2.

Request 7a. Explain in detail what the TIER and DSC levels under the heading "Average of Best 2 of 3" represent.

Response 7a. The reference to "Average of Best 2 of 3" refers to the Mortgage Agreement and Credit Agreement provisions that require East Kentucky to meet certain TIER and DSC ratios for the two best years out of the three calendar years then ended. The 2 highest ratios from the previous 3 years are averaged to arrive at the figures shown under the heading "Average of Best 2 of 3".

**Request 7b.** Provide the calculations of the TIER and DSC levels shown under the heading "Average of Best 2 of 3."

**Response 7b.** See Page 2 of 2.

#### Calculations of TIER and DSC Levels Shown Under the Heading "Average of Best 2 of 3"

	Annual <u>Ratios</u>	Highest 2 <u>Years</u>
TIER		
2006: Mortgage Agreement	1.132	
2007: Mortgage Agreement	1.407	<b>⇒</b> 1.407
2008: Mortgage Agreement (Projected)	1.153	⇒ <u>1.153</u>
Average of Best 2 of 3 Years		1.280
2006: Credit Agreement	1.132	⇒ 1.132
2007: Credit Agreement	1.085	
2008: Credit Agreement (Projected)	1.153	<b>⇒</b> 1.153
Average of Best 2 of 3 Years		1.142
DSC		
2006: Mortgage Agreement	0 979	
2007: Mortgage Agreement	1.153	⇒ 1.153
2008: Mortgage Agreement (Projected)	0.994	⇒ 0.994
Average of Best 2 of 3 Years		1.073
2006: Credit Agreement	0 979	⇒ 0 979
2007: Credit Agreement	0.947	
2008: Credit Agreement (Projected)	0 994	
Average of Best 2 of 3 Years		0.986



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**REQUEST 8** 

RESPONSIBLE PERSON: Craig A. Johnson

COMPANY: East Kentucky Power Cooperative, Inc.

Refer to the discussion on pages 4-5 of the Johnson Testimony concerning forced outages caused by a tube leak.

Request 8a. The discussion appears to indicate that such an outage at a circulating fluidized bed ("CFB") unit will require, at minimum, 7 to 8 days for cooldown, cleanup and start-up. The detail in Exhibit AFW-1 shows that the Gilbert outage that began on June 24, 2008 lasted a total of 17 days. Describe in detail the work or activity on the part of East Kentucky that required an outage of this length.

Response 8a. The tube leak occurred in one of the fluid bed heat exchanger boxes containing the finishing superheat. The design of the fluid bed heat exchanger makes it difficult to repair tube leaks due to the spacing of the tubes and physical space limitations in the FBHE box. Included in the table below is a breakdown of the schedule of activities required to repair the tube leak and the associated damage.

<u>Activity</u>	<u>Duration</u>	<b>Description of Activities</b>
Cool down	3 days	No work inside of the
		FBHE could be performed
Clean Up & Inspection	2 days	The remaining ash inside
		the FBHE was removed. A
		damage assessment was
		made.
Repair	10 days	A repair plan was initiated.
		An outside contractor was
		hired to work 24-7 to make
		the repairs. The top of the
		box had to be cut off to
		access the tubes. The
		damaged tubes were
		removed and replaced.
		There were approximately
		50 weld repairs made. The
		top of the box was
		reattached.
Startup	2 days	Ash for startup was re-
		introduced into the boiler.
		Fuel oil was used to start
		the process then coal was
		introduced slowly until the
		fluidized bed was re-
		established.

Request 8b. Other that their length, describe how the two tube leak outages shown on Exhibit AFW-1 for Spurlock Units 1 and 2 compare to the 17-day outage at the Gilbert Unit.

Response 8b. The tube leaks that occurred on Units 1 and 2 happened in areas that were more accessible. These tube leaks did not cause secondary damage like the Gilbert FBHE tube leak. Therefore, in each case with the Spurlock units, only the tube that failed required repair.



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**REQUEST 9** 

RESPONSIBLE PERSON: Craig A. Johnson

COMPANY: East Kentucky Power Cooperative, Inc.

Request 9. The Johnson Testimony focuses on an outage at a CFB unit, such as East Kentucky's Gilbert unit. Provide Gilbert's position in East Kentucky's dispatch order. Also include the stacking order of all East Kentucky base load generating units.

Response 9. On an incremental cost basis and using replacement fuel prices, Gilbert 3 is the least cost unit in the East Kentucky fleet. The fleet is dispatched according to heat rate curves, fuel costs, emissions, and variable operating and maintenance costs. Currently, the order (least cost first) of dispatch is Gilbert 3, Spurlock 2, Spurlock 1, Cooper 2, Cooper 1, Dale 3, Dale 4, Dale 2, and Dale 1.

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**REQUEST 10** 

**RESPONSIBLE PERSON:** 

Craig A. Johnson

**COMPANY:** 

East Kentucky Power Cooperative, Inc.

Refer to page 7 of the Johnson Testimony. Provide the planned date and length of the maintenance outage scheduled for the Gilbert unit during the fall of 2008.

Response 10. The planned outage for Gilbert began on October the 17<sup>th</sup> and should last approximately 4 weeks.

PUBLIC SERVICE COMMISSION STAFF FIRST DATA REQUEST DATED OCTOBER 23, 2008

**REQUEST 11** 

**RESPONSIBLE PERSON:** 

Craig A. Johnson

**COMPANY:** 

East Kentucky Power Cooperative, Inc.

Request 11. The question and answer beginning at line 13 on page 7 of the Johnson Testimony indicate that the weld defect, which caused the 17-day outage at the Gilbert unit, was the result of a field installation problem rather than a design flaw. That being the case, explain whether East Kentucky has grounds for seeking reimbursement for any of the costs of that specific outage from either the manufacturer or the installer.

Response 11. The weld in question was fabricated in June of 2006. While the contractual warranty for this fabrication is, "one year after performance acceptance or eighteen (18) months after completion of construction, whichever occurs first." East Kentucky has had discussions concerning reimbursement of the repair cost with the original equipment supplier, Alstom, which also had the responsibility for the fabrication. East Kentucky will continue to address this issue with Alstom based upon its contractual and common law duties and the long-term business relationship with that entity. It is unknown at this time whether the cost of the repair will be reimbursed by Alstom. If East Kentucky receives reimbursement from Alstom, such reimbursement would be applied (credited) against the regulatory asset.